



## K-FLEX 6500 St Y UL CSA

**Description :** Increased oil-resistant screened Control and Power Cables manufactured according to UL AWM Style 21179 and CSA AWM I A/B II A/B.

**Design:**



**Construction :**

- Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
- Special PVC Insulation compound 105°C according to UL 1581
- Black numbered cores with or without GY core
- Polyester tape
- Tinned copper flexible drain wire
- Total aluminium polyester screening
- Special PVC outer sheath compound 105°C according to UL 1581

**Manufacturing's Controls:** Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.  
Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

**Norms :** Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1, IEC 60332.3-24 and UL VW1  
According to UL style 21179 and CSA-AWM I A/B II A/B  
According to our VDE Reg. Nr. 7097  
Oil resistant according: DIN EN 50290-2-22 resp. VDE 0819-102, TM54  
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : UL 600V and 1000V (IEC 450/750 V.)
- Spark Test voltage : 6000 V
- Working temperature : Occasional flexing: -5°C to +105°C  
Fixed installation: -40°C to +105°C
- Minimum bending radius Occasional flexing: 20 x outer Ø  
Fixed installation: 6 x outer Ø

**Use :** Efficient stocking! These control cables are especially suitable for export-orientated machinery. These inexpensive cables make work easy, facilitate economic stocking and thus speeds up the export orders. It is suitable for control equipment on machine tools subjected to medium mechanical stresses, for fixed or flexible installation, where free movement is required without tensile stresses and without forced guidance systems, in dry, damp and wet interiors (including water-oil mixtures), but not outdoors.